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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/775,270	02/10/2004	Young-Kwang Kim	SAM-0105DIV 1276		
7590 10/15/2004			EXAMINER		
Anthony P. Onello, Jr., Esq. Mills & Onello LLP Suite 605 Eleven Beacon Street Boston, MA 02108			NHU, DAVID		
			ART UNIT	PAPER NUMBER	
			2818		
			DATE MAILED: 10/15/2004		

Please find below and/or attached an Office communication concerning this application or proceeding.

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		Application	No.	Applicant(s)			
		10/775,270		KIM ET AL.			
	Office Action Summary	Examiner		Art Unit			
		David Nhu		2818			
 Period for I	The MAILING DATE of this commu	nication appears on the c	over sheet with the c	correspondence ad	dress		
	RTENED STATUTORY PERIOD I	FOR REPLY IS SET TO	EXPIRE 3 MONTH	(S) FROM			
- Extension after SIX - If the period of the	AILING DATE OF THIS COMMUN ons of time may be available under the provision ((6) MONTHS from the mailing date of this com- riod for reply specified above is less than thirty irod for reply is specified above, the maximum of o reply within the set or extended period for reply y received by the Office later than three months oatent term adjustment. See 37 CFR 1.704(b).	is of 37 CFR 1.136(a). In no event, imunication. (30) days, a reply within the statuto statutory period will apply and will ely will, by statute, cause the applica	ry minimum of thirty (30) day expire SIX (6) MONTHS from ation to become ABANDONE	rs will be considered timely the mailing date of this co D (35 U.S.C. § 133).			
Status							
1)⊠ R	esponsive to communication(s) fi	led on 10 February 2004	! ,				
•	his action is FINAL .	2b)⊠ This action is nor	•				
<i>,</i> —							
,	osed in accordance with the prac	tice under <i>Ex parte Qu</i> aj	yle, 1935 C.D. 11, 4	53 O.G. 213.			
Disposition	n of Claims						
4)⊠ C	laim(s) <u>1-12</u> is/are pending in the	application.					
4a	4a) Of the above claim(s) is/are withdrawn from consideration.						
5)□ C	laim(s) is/are allowed.						
6)⊠ C	Claim(s) <u>1-12</u> is/are rejected.						
7)□ C	laim(s) is/are objected to.						
8)□ C	laim(s) are subject to restr	iction and/or election red	ıuirement.				
Application	n Papers						
9)[] Tr	ne specification is objected to by t	he Examiner.					
•	ne drawing(s) filed on is/ard		objected to by the	Examiner.			
	pplicant may not request that any obj						
R	eplacement drawing sheet(s) includir	ng the correction is required	I if the drawing(s) is ob	ejected to. See 37 CF	FR 1.121(d).		
11)[] Th	ne oath or declaration is objected	to by the Examiner. Note	e the attached Office	Action or form PT	O-152.		
Priority un	der 35 U.S.C. § 119	•					
	cknowledgment is made of a claim	n for foreign priority unde	er 35 U.S.C. § 119(a)-(d) or (f).			
,—	All b) ☐ Some * c) ☐ None of:						
	Certified copies of the priorit	•		in No 00/045 00/	-		
	Certified copies of the priorit						
3.	Copies of the certified copies			ed in this National	Stage		
* 0-	application from the Internati e the attached detailed Office acti			od			
26	e the attached detailed Office act	on for a list of the certific	·				
	•		Su	i Pa			
Attachment(s)						
1) Notice of			_				
2) Notice of	of References Cited (PTO-892) of Draftsperson's Patent Drawing Review		4) Interview Summary Paper No(s)/Mail D		· ·		

DETAILED ACTIONS

Claims Objection

1. Claim 7, "forming source/drain regions in the first conductivity well" should be -- forming source/drain regions in the first conductivity-type well--

"forming a second junction diode formed in the second conductivity well" should be -- forming a second junction diode formed in the second conductivity-type well--

Claim Rejections - 35 USC § 112

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

3. Claims 1-12 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 1, "a second conductivity-type impurity" lacks a clear antecedent basis.

"a second conductivity-type junction diode in the substrate" lacks a clear antecedent basis.

Where are the first conductivity-type impurity and the first conductivity-type junction diode in claim 1?

"the surface of the inter-level insulating layer" lacks a clear antecedent basis.

Conclusion

5. A shortened statutory period for response to this action is set to expired 3 (three) months and 0 (zero) day from the date of this letter. Failure to respond within the period for response will cause the application to become abandoned (see 710.02 (b)).

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6. Any inquiry concerning this communication on earlier communications from the examiner should be directed to David Nhu, (571)272-1792. The examiner can normally be reached on Monday-Friday from 7:30 AM to 5:00 PM. The examiner's supervisor, David Nelm's can be

reached on (571)272-1787.

The fax phone number for the organization where this application or proceeding is assigned is (703)872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0956

David Nhu

October 14, 2004

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